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EXAMINER
LARUE, GARRETT T

ART UNIT	PAPER NUMBER
2447	

NOTIFICATION DATE	DELIVERY MODE
05/13/2009	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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PTOL-90A (Rev. 04/07)

	Application No.	Applicant(s)
	10/574,548	TANAKA ET AL.
Office Action Summary	Examiner	Art Unit	
	GARRETT LARUE	2447	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS,
WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on <u>10 May 2007</u>.

2a) ☐ This action is FINAL.   2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) <u>17 - 44</u> is/are pending in the application.

     4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) <u>17 - 44</u> is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☒ The drawing(s) filed on <u>21 February 2007</u> is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.

     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

     a) ☒ All   b) ☐ Some * c) ☐ None of:

         1. ☐ Certified copies of the priority documents have been received.

         2. ☐ Certified copies of the priority documents have been received in Application No. _____.

         3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

     * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>5/9/2008 and 7/3/2006</u>.

4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.

5) ☐ Notice of Informal Patent Application

6) ☐ Other: _____.

U.S. Patent and Trademark Office

PTOL-326 (Rev. 08-06)   **Office Action Summary**   Part of Paper No./Mail Date 20090429

DETAILED ACTION

1.   Claims 17 – 44 are pending. Applicant cancelled claims 1 – 16, amended claims

24 - 25, 27 – 31, and added claims 32 – 44 in the preliminary amendment filed

5/10/2007.

Claim Rejections - 35 USC § 103

2.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

3.   Claims 17 – 28, 31 – 37, and 41 - 44 are rejected under 35 U.S.C. 103(a) as

being unpatentable over Borthwick (US Publication No. 2003/0236836) in view of Ellson

(US Patent No. 5805783).

        With respect to claim 17, Borthwick teaches a character mail system for

reproducing electronic mail created in a first terminal, in a second terminal (i.e., The

inventive system also includes a method for designing and sharing rich media

production on client computers on a computer network pg. 1 par. 9), wherein said first

terminal includes an element configured to generate instruction information for

expressing an input text message using a font for transmitting the text message and

instruction information to a server (i.e., generating an email record with the address of at

least one recipient; generating files for the rich media production and sending the files to

the host server, pg. 1 par. 9 and The creator may also use a font menu 514 on import

menu interface 502 to access a menu of font files that are used to insert text into writer

template 100. The user's menu choices determine the font type and other

characteristics of the text, such as bold or italic style and right or left justification. When

the user clicks a selection button, the user is allowed to import an embedded font file of

editable text as a text box. The font file is associated with a container object. The

embedded font file has the properties of the user-selected style and justification as

determined in the menu selections, pg. 6 par. 47), said server includes: an element

configured to store a font (i.e., The system includes at least one remote computer, at

least one author computer, at least one recipient computer and at least one host server.

The remote component stores elements that are to be used in a rich media production,

pg. 1 par. 8) an element configured to generate control information about a font for

expressing the text message on the basis of the received instruction information (i.e., In

Step 8060, writer template 100 is used to assemble, combine, arrange, and edit the

imported media objects to create a rich media production. In Step 8070, an email

template records all the data required to describe the appearance and properties of the

production including the URLs of all the imported media components. In Step 8080, the

email template sends the data record via the Internet to host server 120. pg. 7 par. 58),

an element configured to store the received text message and generated control

information as message information (i.e., The system includes at least one remote

computer, at least one author computer, at least one recipient computer and at least

one host server. The remote component stores elements that are to be used in a rich

media production, pg. 1 par. 8) said first terminal further includes an element configured

to transmit access path information to the message information stored in said server to

said second terminal (i.e., After the creator creates the rich media production, a creator

may send a message with the URL that is associated with the production to multiple

recipients using the email menu, pg. 7 par. 56), and said second terminal includes an

element configured to make access to said server on the basis of the access path

information received from said first terminal and download the message information and

a corresponding font to reproduce character mail (i.e., The downloaded reader template

enables the recipient computer to access the text record to recreate the rich media

production on the recipient computer, pg. 1 par. 8 and inserting a unique file name of

the text data string in a URL that is associated with the text data string and generating

an HTML page that provides options for accessing a reader template; and using, by a

recipient computer, the HTML page to access the reader template and the text data

string and thereby recreate rich media production, pg. 2 par. 9) except the fonts and

messages being 3D. However, Ellson teaches 3D fonts (i.e., The text characters can

also be represented as a three-dimensional geometric model including polygons

constructed from vertices defined by three-dimensional coordinates. The

representations are stored in a font storage and when a user specifies the text

characters to be used in a depth image along with the font to be used for the text

characters, the geometric representations of the characters are retrieved. If stored as a

set, the set is converted into a geometric plot. Appropriate scaling and surface texturing

operations are performed as designated by the user to create three-dimensional text

character graphic objects, abstract) in order to typeset three dimensional font

characters in three dimensions (col. 2 ln. 17 - 18). Therefore, based on Borthwick in

view of Ellson, it would have been obvious to one having ordinary skill in the art at the

time the invention was made to utilize the teaching of Ellson to the system of Borthwick

in order to typeset three dimensional font characters in three dimensions.

With respect to claim 18, Borthwick teaches wherein said first terminal includes

an element configured to download the message information and a corresponding font

from said server and reproduce character mail to thereby previously confirm a

reproduces state of character mail (i.e., The client computer includes a reader template

and a web page. The reader template enables the client component to access the rich

media production. The reader template is used to communicate with a host server that

stores multiple components. The web browser includes a player for launching the

reader template. The client computer also includes means for activating a URL in an

email that launches the web browser, for accessing a unique HTML page by clicking the

URL in the email, for downloading the reader template, for launching the reader

template that accesses and reads a unique data string from the host server and uses

the data string to locate images and media used in the rich media production, and

means for loading the images and media into the reader template and thereby

reproducing the original appearance and properties of the rich media production, pg. 2

par. 11) except the fonts and messages being 3D. However, Ellson teaches 3D fonts

(i.e., The text characters can also be represented as a three-dimensional geometric

model including polygons constructed from vertices defined by three-dimensional

coordinates. The representations are stored in a font storage and when a user specifies

the text characters to be used in a depth image along with the font to be used for the

text characters, the geometric representations of the characters are retrieved. If stored

as a set, the set is converted into a geometric plot. Appropriate scaling and surface

texturing operations are performed as designated by the user to create three-

dimensional text character graphic objects, abstract) in order to typeset three

dimensional font characters in three dimensions (col. 2 ln. 17 - 18). Therefore, based on

Borthwick in view of Ellson, it would have been obvious to one having ordinary skill in

the art at the time the invention was made to utilize the teaching of Ellson to the system

of Borthwick in order to typeset three dimensional font characters in three dimensions.

   With respect to claim 19, Borthwick teaches wherein said first terminal includes

an element configured to store a font (i.e., The creator may also use a font menu 514 on

import menu interface 502 to access a menu of font files that are used to insert text into

writer template 100. The user's menu choices determine the font type and other

characteristics of the text, such as bold or italic style and right or left justification. When

the user clicks a selection button, the user is allowed to import an embedded font file of

editable text as a text box. The font file is associated with a container object. The

embedded font file has the properties of the user-selected style and justification as

determined in the menu selections, pg. 6 par. 47, The author's ability to import fonts

implicitly teaches that those fonts would be in a storage on the author's terminal); an

element configured to generate control information about a font for expressing an input

text message (i.e., The user's menu choices determine the font type and other

characteristics of the text, such as bold or italic style and right or left justification. When

the user clicks a selection button, the user is allowed to import an embedded font file of

editable text as a text box. The font file is associated with a container object. The

embedded font file has the properties of the user-selected style and justification as

determined in the menu selections, pg. 6 par. 47); an element configured to transmit the

message, generated control information and font used to express the text message, to a

server (i.e., In Step 8060, writer template 100 is used to assemble, combine, arrange,

and edit the imported media objects to create a rich media production. In Step 8070, an

email template records all the data required to describe the appearance and properties

of the production including the URLs of all the imported media components. In Step

8080, the email template sends the data record via the Internet to host server 120. pg. 7

par. 58 and The system includes at least one remote computer, at least one author

computer, at least one recipient computer and at least one host server. The remote

component stores elements that are to be used in a rich media production, pg. 1 par. 8);

said server includes an element configured to store the received text message and

control information as message information and to store the received font (i.e., The

remote component stores elements that are to be used in a rich media production, pg. 1

par. 8), said first terminal further includes an element configured to transmit access path

information to the message information stored in said server, to a second terminal (i.e.,

After the creator creates the rich media production, a creator may send a message with

the URL that is associated with the production to multiple recipients using the email

menu, pg. 7 par. 56), and said second terminal includes an element configured to make

access to said server on the basis of the access path information received from said

first terminal and download the message information and a corresponding font to

thereby reproduce character mail (i.e., The downloaded reader template enables the recipient computer to access the text record to recreate the rich media production on the recipient computer, pg. 1 par. 8 and inserting a unique file name of the text data string in a URL that is associated with the text data string and generating an HTML page that provides options for accessing a reader template; and using, by a recipient computer, the HTML page to access the reader template and the text data string and thereby recreate rich media production, pg. 2 par. 9) except the fonts and messages being 3D. However, Ellson teaches 3D fonts (i.e., The text characters can also be represented as a three-dimensional geometric model including polygons constructed from vertices defined by three-dimensional coordinates. The representations are stored in a font storage and when a user specifies the text characters to be used in a depth image along with the font to be used for the text characters, the geometric representations of the characters are retrieved. If stored as a set, the set is converted into a geometric plot. Appropriate scaling and surface texturing operations are performed as designated by the user to create three-dimensional text character graphic objects, abstract) in order to typeset three dimensional font characters in three dimensions (col. 2 ln. 17 - 18). Therefore, based on Borthwick in view of Ellson, it would have been obvious to one having ordinary skill in the art at the time the invention was made to utilize the teaching of Ellson to the system of Borthwick in order to typeset three dimensional font characters in three dimensions.

With respect to claim 20, Borthwick teaches wherein said first terminal includes an element configured to generate control information about a font for expressing an

input text message (i.e., In Step 8060, writer template 100 is used to assemble,

combine, arrange, and edit the imported media objects to create a rich media

production. In Step 8070, an email template records all the data required to describe the

appearance and properties of the production including the URLs of all the imported

media components. In Step 8080, the email template sends the data record via the

Internet to host server 120. pg. 7 par. 58), an element configured to transmit the text

message and the generated control information to said second terminal (i.e., generating

an email record with the address of at least one recipient; generating files for the rich

media production and sending the files to the host server, pg. 1 par. 9 and The creator

may also use a font menu 514 on import menu interface 502 to access a menu of font

files that are used to insert text into writer template 100. The user's menu choices

determine the font type and other characteristics of the text, such as bold or italic style

and right or left justification. When the user clicks a selection button, the user is allowed

to import an embedded font file of editable text as a text box. The font file is associated

with a container object. The embedded font file has the properties of the user-selected

style and justification as determined in the menu selections, pg. 6 par. 47) said second

terminal includes an element configured to specify a font necessary for reproducing

character mail on the basis of the text message and control information received from

said first terminal and download the specified font from a server, to reproduce the

character mail on the basis of the text message and control information received from

said first terminal and the font downloaded from said server (i.e., The downloaded

reader template enables the recipient computer to access the text record to recreate the

rich media production on the recipient computer, pg. 1 par. 8 and inserting a unique file
name of the text data string in a URL that is associated with the text data string and
generating an HTML page that provides options for accessing a reader template; and
using, by a recipient computer, the HTML page to access the reader template and the
text data string and thereby recreate rich media production, pg. 2 par. 9) except the
fonts and messages being 3D. However, Ellson teaches 3D fonts (i.e., The text
characters can also be represented as a three-dimensional geometric model including
polygons constructed from vertices defined by three-dimensional coordinates. The
representations are stored in a font storage and when a user specifies the text
characters to be used in a depth image along with the font to be used for the text
characters, the geometric representations of the characters are retrieved. If stored as a
set, the set is converted into a geometric plot. Appropriate scaling and surface texturing
operations are performed as designated by the user to create three-dimensional text
character graphic objects, abstract) in order to typeset three dimensional font characters
in three dimensions (col. 2 ln. 17 - 18). Therefore, based on Borthwick in view of Ellson,
it would have been obvious to one having ordinary skill in the art at the time the
invention was made to utilize the teaching of Ellson to the system of Borthwick in order
to typeset three dimensional font characters in three dimensions.

With respect to claim 21, Borthwick teaches wherein said first terminal includes
an element configured to store a font (i.e., The system includes at least one remote
computer, at least one author computer, at least one recipient computer and at least
one host server. The remote component stores elements that are to be used in a rich

media production, pg. 1 par. 8 and The creator may also use a font menu 514 on import

menu interface 502 to access a menu of font files that are used to insert text into writer

template 100. The user's menu choices determine the font type and other

characteristics of the text, such as bold or italic style and right or left justification. When

the user clicks a selection button, the user is allowed to import an embedded font file of

editable text as a text box. The font file is associated with a container object. The

embedded font file has the properties of the user-selected style and justification as

determined in the menu selections, pg. 6 par. 47, The author's ability to import fonts

implicitly teaches that those fonts would be in a storage on the author's terminal) an

element configured to generate control information about a font for expressing an input

text message (i.e., In Step 8060, writer template 100 is used to assemble, combine,

arrange, and edit the imported media objects to create a rich media production. In Step

8070, an email template records all the data required to describe the appearance and

properties of the production including the URLs of all the imported media components.

In Step 8080, the email template sends the data record via the Internet to host server

120. pg. 7 par. 58); an element configured to transmit the text message, the generated

control information and the font used to express the text message to said second

terminal (i.e., After the creator creates the rich media production, a creator may send a

message with the URL that is associated with the production to multiple recipients using

the email menu, pg. 7 par. 56) and said second terminal includes an element configured

to reproduce character mail on the basis of the text message, the control information,

and the font received from said first terminal (i.e., The downloaded reader template

enables the recipient computer to access the text record to recreate the rich media
production on the recipient computer, pg. 1 par. 8 and inserting a unique file name of
the text data string in a URL that is associated with the text data string and generating
an HTML page that provides options for accessing a reader template; and using, by a
recipient computer, the HTML page to access the reader template and the text data
string and thereby recreate rich media production, pg. 2 par. 9), except the fonts and
messages being 3D. However, Ellson teaches 3D fonts (i.e., The text characters can
also be represented as a three-dimensional geometric model including polygons
constructed from vertices defined by three-dimensional coordinates. The
representations are stored in a font storage and when a user specifies the text
characters to be used in a depth image along with the font to be used for the text
characters, the geometric representations of the characters are retrieved. If stored as a
set, the set is converted into a geometric plot. Appropriate scaling and surface texturing
operations are performed as designated by the user to create three-dimensional text
character graphic objects, abstract) in order to typeset three dimensional font
characters in three dimensions (col. 2 ln. 17 - 18). Therefore, based on Borthwick in
view of Ellson, it would have been obvious to one having ordinary skill in the art at the
time the invention was made to utilize the teaching of Ellson to the system of Borthwick
in order to typeset three dimensional font characters in three dimensions.

     With respect to claim 22, Borthwick teaches wherein said first terminal further
includes an element configured to reproduce character mail on the basis of the input
text message, the generated control information and the font, to thereby previously

confirm a reproduced state of the character mail (i.e., The client computer includes a

reader template and a web page. The reader template enables the client component to

access the rich media production. The reader template is used to communicate with a

host server that stores multiple components. The web browser includes a player for

launching the reader template. The client computer also includes means for activating a

URL in an email that launches the web browser, for accessing a unique HTML page by

clicking the URL in the email, for downloading the reader template, for launching the

reader template that accesses and reads a unique data string from the host server and

uses the data string to locate images and media used in the rich media production, and

means for loading the images and media into the reader template and thereby

reproducing the original appearance and properties of the rich media production, pg. 2

par. 11) except the fonts and messages being 3D. However, Ellson teaches 3D fonts

(i.e., The text characters can also be represented as a three-dimensional geometric

model including polygons constructed from vertices defined by three-dimensional

coordinates. The representations are stored in a font storage and when a user specifies

the text characters to be used in a depth image along with the font to be used for the

text characters, the geometric representations of the characters are retrieved. If stored

as a set, the set is converted into a geometric plot. Appropriate scaling and surface

texturing operations are performed as designated by the user to create three-

dimensional text character graphic objects, abstract) in order to typeset three

dimensional font characters in three dimensions (col. 2 ln. 17 - 18). Therefore, based on

Borthwick in view of Ellson, it would have been obvious to one having ordinary skill in

the art at the time the invention was made to utilize the teaching of Ellson to the system

of Borthwick in order to typeset three dimensional font characters in three dimensions.

　　　　With respect to claim 23, Borthwick teaches wherein said first terminal includes

an element configured to generate control information about a font for expressing an

input text message (i.e., In Step 8060, writer template 100 is used to assemble,

combine, arrange, and edit the imported media objects to create a rich media

production. In Step 8070, an email template records all the data required to describe the

appearance and properties of the production including the URLs of all the imported

media components. In Step 8080, the email template sends the data record via the

Internet to host server 120. pg. 7 par. 58); an element configured to transmit the text

message and the generated control information to said second terminal (i.e., After the

creator creates the rich media production, a creator may send a message with the URL

that is associated with the production to multiple recipients using the email menu, pg. 7

par. 56), said second terminal includes: an element configured to store a font (i.e., The

downloaded reader template enables the recipient computer to access the text record to

recreate the rich media production on the recipient computer, pg. 1 par. 8, the

downloading of the media used to recreate the media production implicitly teaches that

the font is being stored on the second, or recipient user's terminal); and an element

configured to reproduce character mail on the basis of the text message and the control

information received from said first terminal and the font stored in said second terminal

(i.e., The downloaded reader template enables the recipient computer to access the text

record to recreate the rich media production on the recipient computer, pg. 1 par. 8 and

inserting a unique file name of the text data string in a URL that is associated with the

text data string and generating an HTML page that provides options for accessing a

reader template; and using, by a recipient computer, the HTML page to access the

reader template and the text data string and thereby recreate rich media production, pg.

2 par. 9) except the fonts and messages being 3D. However, Ellson teaches 3D fonts

(i.e., The text characters can also be represented as a three-dimensional geometric

model including polygons constructed from vertices defined by three-dimensional

coordinates. The representations are stored in a font storage and when a user specifies

the text characters to be used in a depth image along with the font to be used for the

text characters, the geometric representations of the characters are retrieved. If stored

as a set, the set is converted into a geometric plot. Appropriate scaling and surface

texturing operations are performed as designated by the user to create three-

dimensional text character graphic objects, abstract) in order to typeset three

dimensional font characters in three dimensions (col. 2 ln. 17 - 18). Therefore, based on

Borthwick in view of Ellson, it would have been obvious to one having ordinary skill in

the art at the time the invention was made to utilize the teaching of Ellson to the system

of Borthwick in order to typeset three dimensional font characters in three dimensions.

With respect to claim 24, Borthwick teaches wherein said first terminal further

includes an element configured to store a font (i.e., The creator may also use a font

menu 514 on import menu interface 502 to access a menu of font files that are used to

insert text into writer template 100. The user's menu choices determine the font type

and other characteristics of the text, such as bold or italic style and right or left

justification. When the user clicks a selection button, the user is allowed to import an
embedded font file of editable text as a text box. The font file is associated with a
container object. The embedded font file has the properties of the user-selected style
and justification as determined in the menu selections, pg. 6 par. 47, The author's ability
to import fonts implicitly teaches that those fonts would be in a storage on the author's
terminal); an element configured to reproduce character mail on the basis of the input
text message, the generated control information and the font stored in said first terminal,
to thereby previously confirm a reproduced state of the character mail (i.e., The client
computer includes a reader template and a web page. The reader template enables the
client component to access the rich media production. The reader template is used to
communicate with a host server that stores multiple components. The web browser
includes a player for launching the reader template. The client computer also includes
means for activating a URL in an email that launches the web browser, for accessing a
unique HTML page by clicking the URL in the email, for downloading the reader
template, for launching the reader template that accesses and reads a unique data
string from the host server and uses the data string to locate images and media used in
the rich media production, and means for loading the images and media into the reader
template and thereby reproducing the original appearance and properties of the rich
media production, pg. 2 par. 11) except the fonts and messages being 3D. However,
Ellson teaches 3D fonts (i.e., The text characters can also be represented as a three-
dimensional geometric model including polygons constructed from vertices defined by
three-dimensional coordinates. The representations are stored in a font storage and

when a user specifies the text characters to be used in a depth image along with the

font to be used for the text characters, the geometric representations of the characters

are retrieved. If stored as a set, the set is converted into a geometric plot. Appropriate

scaling and surface texturing operations are performed as designated by the user to

create three-dimensional text character graphic objects, abstract) in order to typeset

three dimensional font characters in three dimensions (col. 2 ln. 17 - 18). Therefore,

based on Borthwick in view of Ellson, it would have been obvious to one having ordinary

skill in the art at the time the invention was made to utilize the teaching of Ellson to the

system of Borthwick in order to typeset three dimensional font characters in three

dimensions.

    With respect to claim 25, Borthwick teaches wherein said first terminal includes a

recording medium removably attached to the body of the terminal (As is apparent to one

skilled in the art, files used in the inventive system may be stored on other computing

units, pg. 8 par. 60) and a font to be used in the character mail is stored in said

recording medium and supplied (As is apparent to one skilled in the art, files used in the

inventive system may be stored on other computing units, pg. 8 par. 60).

    With respect to claim 26, Borthwick teaches wherein said second terminal

includes a recording medium removably attached to the body of the terminal (As is

apparent to one skilled in the art, files used in the inventive system may be stored on

other computing units, pg. 8 par. 60) and a font to be used in the character mail is

stored in said recording medium and supplied (As is apparent to one skilled in the art,

files used in the inventive system may be stored on other computing units, pg. 8 par.
60).

With respect to claim 27, Borthwick teaches said control information specifying a
font type of the font to be used (i.e., generating an email record with the address of at
least one recipient; generating files for the rich media production and sending the files to
the host server, pg. 1 par. 9 and The creator may also use a font menu 514 on import
menu interface 502 to access a menu of font files that are used to insert text into writer
template 100. The user's menu choices determine the font type and other
characteristics of the text, such as bold or italic style and right or left justification. When
the user clicks a selection button, the user is allowed to import an embedded font file of
editable text as a text box. The font file is associated with a container object. The
embedded font file has the properties of the user-selected style and justification as
determined in the menu selections, pg. 6 par. 47) except the fonts and messages being
3D. However, Ellson teaches 3D fonts (i.e., The text characters can also be represented
as a three-dimensional geometric model including polygons constructed from vertices
defined by three-dimensional coordinates. The representations are stored in a font
storage and when a user specifies the text characters to be used in a depth image
along with the font to be used for the text characters, the geometric representations of
the characters are retrieved. If stored as a set, the set is converted into a geometric plot.
Appropriate scaling and surface texturing operations are performed as designated by
the user to create three-dimensional text character graphic objects, abstract) in order to
typeset three dimensional font characters in three dimensions (col. 2 ln. 17 - 18).

Therefore, based on Borthwick in view of Ellson, it would have been obvious to one

having ordinary skill in the art at the time the invention was made to utilize the teaching

of Ellson to the system of Borthwick in order to typeset three dimensional font

characters in three dimensions.

    With respect to claim 28, Borthwick teaches wherein said control information

contains a parameter for the font to be used (i.e., generating an email record with the

address of at least one recipient; generating files for the rich media production and

sending the files to the host server, pg. 1 par. 9 and The creator may also use a font

menu 514 on import menu interface 502 to access a menu of font files that are used to

insert text into writer template 100. The user's menu choices determine the font type

and other characteristics of the text, such as bold or italic style and right or left

justification. When the user clicks a selection button, the user is allowed to import an

embedded font file of editable text as a text box. The font file is associated with a

container object. The embedded font file has the properties of the user-selected style

and justification as determined in the menu selections, pg. 6 par. 47) except the fonts

and messages being 3D. However, Ellson teaches 3D fonts (i.e., The text characters

can also be represented as a three-dimensional geometric model including polygons

constructed from vertices defined by three-dimensional coordinates. The

representations are stored in a font storage and when a user specifies the text

characters to be used in a depth image along with the font to be used for the text

characters, the geometric representations of the characters are retrieved. If stored as a

set, the set is converted into a geometric plot. Appropriate scaling and surface texturing

operations are performed as designated by the user to create three-dimensional text

character graphic objects, abstract) in order to typeset three dimensional font

characters in three dimensions (col. 2 ln. 17 - 18). Therefore, based on Borthwick in

view of Ellson, it would have been obvious to one having ordinary skill in the art at the

time the invention was made to utilize the teaching of Ellson to the system of Borthwick

in order to typeset three dimensional font characters in three dimensions.

      With respect to claim 31, Borthwick teaches wherein said text message contains

an icon (The client computer also includes means for activating a URL in an email that

launches the web browser, for accessing a unique HTML page by clicking the URL in

the email, for downloading the reader template, for launching the reader template that

accesses and reads a unique data string from the host server and uses the data string

to locate images and media used in the rich media production, and means for loading

the images and media into the reader template and thereby reproducing the original

appearance and properties of the rich media production, pg. 2 par. 11, an icon is

understood to be a miniature image) except the fonts and messages being 3D.

However, Ellson teaches 3D fonts (i.e., The text characters can also be represented as

a three-dimensional geometric model including polygons constructed from vertices

defined by three-dimensional coordinates. The representations are stored in a font

storage and when a user specifies the text characters to be used in a depth image

along with the font to be used for the text characters, the geometric representations of

the characters are retrieved. If stored as a set, the set is converted into a geometric plot.

Appropriate scaling and surface texturing operations are performed as designated by

the user to create three-dimensional text character graphic objects, abstract) in order to

typeset three dimensional font characters in three dimensions (col. 2 ln. 17 - 18).

Therefore, based on Borthwick in view of Ellson, it would have been obvious to one

having ordinary skill in the art at the time the invention was made to utilize the teaching

of Ellson to the system of Borthwick in order to typeset three dimensional font

characters in three dimensions.

        With respect to claim 32 Borthwick teaches wherein said first terminal further

includes an element configured to store a font (i.e., The creator may also use a font

menu 514 on import menu interface 502 to access a menu of font files that are used to

insert text into writer template 100. The user's menu choices determine the font type

and other characteristics of the text, such as bold or italic style and right or left

justification. When the user clicks a selection button, the user is allowed to import an

embedded font file of editable text as a text box. The font file is associated with a

container object. The embedded font file has the properties of the user-selected style

and justification as determined in the menu selections, pg. 6 par. 47, The author's ability

to import fonts implicitly teaches that those fonts would be in a storage on the author's

terminal); an element configured to reproduce character mail on the basis of the input

text message, the generated control information and the font stored in said first terminal,

to thereby previously confirm a reproduced state of the character mail (i.e., The client

computer includes a reader template and a web page. The reader template enables the

client component to access the rich media production. The reader template is used to

communicate with a host server that stores multiple components. The web browser

includes a player for launching the reader template. The client computer also includes
means for activating a URL in an email that launches the web browser, for accessing a
unique HTML page by clicking the URL in the email, for downloading the reader
template, for launching the reader template that accesses and reads a unique data
string from the host server and uses the data string to locate images and media used in
the rich media production, and means for loading the images and media into the reader
template and thereby reproducing the original appearance and properties of the rich
media production, pg. 2 par. 11) except the fonts and messages being 3D. However,
Ellson teaches 3D fonts (i.e., The text characters can also be represented as a three-
dimensional geometric model including polygons constructed from vertices defined by
three-dimensional coordinates. The representations are stored in a font storage and
when a user specifies the text characters to be used in a depth image along with the
font to be used for the text characters, the geometric representations of the characters
are retrieved. If stored as a set, the set is converted into a geometric plot. Appropriate
scaling and surface texturing operations are performed as designated by the user to
create three-dimensional text character graphic objects, abstract) in order to typeset
three dimensional font characters in three dimensions (col. 2 ln. 17 - 18). Therefore,
based on Borthwick in view of Ellson, it would have been obvious to one having ordinary
skill in the art at the time the invention was made to utilize the teaching of Ellson to the
system of Borthwick in order to typeset three dimensional font characters in three
dimensions.

With respect to claim 33, Borthwick teaches wherein said first terminal includes a recording medium removably attached to the body of the terminal (As is apparent to one skilled in the art, files used in the inventive system may be stored on other computing units, pg. 8 par. 60) and a font to be used in the character mail is stored in said recording medium and supplied (As is apparent to one skilled in the art, files used in the inventive system may be stored on other computing units, pg. 8 par. 60).

With respect to claim 34, Borthwick teaches said control information specifying a font type of the font to be used (i.e., generating an email record with the address of at least one recipient; generating files for the rich media production and sending the files to the host server, pg. 1 par. 9 and The creator may also use a font menu 514 on import menu interface 502 to access a menu of font files that are used to insert text into writer template 100. The user's menu choices determine the font type and other characteristics of the text, such as bold or italic style and right or left justification. When the user clicks a selection button, the user is allowed to import an embedded font file of editable text as a text box. The font file is associated with a container object. The embedded font file has the properties of the user-selected style and justification as determined in the menu selections, pg. 6 par. 47) except the fonts and messages being 3D. However, Ellson teaches 3D fonts (i.e., The text characters can also be represented as a three-dimensional geometric model including polygons constructed from vertices defined by three-dimensional coordinates. The representations are stored in a font storage and when a user specifies the text characters to be used in a depth image along with the font to be used for the text characters, the geometric representations of

the characters are retrieved. If stored as a set, the set is converted into a geometric plot.

Appropriate scaling and surface texturing operations are performed as designated by

the user to create three-dimensional text character graphic objects, abstract) in order to

typeset three dimensional font characters in three dimensions (col. 2 ln. 17 - 18).

Therefore, based on Borthwick in view of Ellson, it would have been obvious to one

having ordinary skill in the art at the time the invention was made to utilize the teaching

of Ellson to the system of Borthwick in order to typeset three dimensional font

characters in three dimensions.

With respect to claim 35, Borthwick teaches said control information specifying a

font type of the font to be used (i.e., generating an email record with the address of at

least one recipient; generating files for the rich media production and sending the files to

the host server, pg. 1 par. 9 and The creator may also use a font menu 514 on import

menu interface 502 to access a menu of font files that are used to insert text into writer

template 100. The user's menu choices determine the font type and other

characteristics of the text, such as bold or italic style and right or left justification. When

the user clicks a selection button, the user is allowed to import an embedded font file of

editable text as a text box. The font file is associated with a container object. The

embedded font file has the properties of the user-selected style and justification as

determined in the menu selections, pg. 6 par. 47) except the fonts and messages being

3D. However, Ellson teaches 3D fonts (i.e., The text characters can also be represented

as a three-dimensional geometric model including polygons constructed from vertices

defined by three-dimensional coordinates. The representations are stored in a font

storage and when a user specifies the text characters to be used in a depth image

along with the font to be used for the text characters, the geometric representations of

the characters are retrieved. If stored as a set, the set is converted into a geometric plot.

Appropriate scaling and surface texturing operations are performed as designated by

the user to create three-dimensional text character graphic objects, abstract) in order to

typeset three dimensional font characters in three dimensions (col. 2 ln. 17 - 18).

Therefore, based on Borthwick in view of Ellson, it would have been obvious to one

having ordinary skill in the art at the time the invention was made to utilize the teaching

of Ellson to the system of Borthwick in order to typeset three dimensional font

characters in three dimensions.

With respect to claim 36, Borthwick teaches said control information specifying a

font type of the font to be used (i.e., generating an email record with the address of at

least one recipient; generating files for the rich media production and sending the files to

the host server, pg. 1 par. 9 and The creator may also use a font menu 514 on import

menu interface 502 to access a menu of font files that are used to insert text into writer

template 100. The user's menu choices determine the font type and other

characteristics of the text, such as bold or italic style and right or left justification. When

the user clicks a selection button, the user is allowed to import an embedded font file of

editable text as a text box. The font file is associated with a container object. The

embedded font file has the properties of the user-selected style and justification as

determined in the menu selections, pg. 6 par. 47) except the fonts and messages being

3D. However, Ellson teaches 3D fonts (i.e., The text characters can also be represented

as a three-dimensional geometric model including polygons constructed from vertices

defined by three-dimensional coordinates. The representations are stored in a font

storage and when a user specifies the text characters to be used in a depth image

along with the font to be used for the text characters, the geometric representations of

the characters are retrieved. If stored as a set, the set is converted into a geometric plot.

Appropriate scaling and surface texturing operations are performed as designated by

the user to create three-dimensional text character graphic objects, abstract) in order to

typeset three dimensional font characters in three dimensions (col. 2 ln. 17 - 18).

Therefore, based on Borthwick in view of Ellson, it would have been obvious to one

having ordinary skill in the art at the time the invention was made to utilize the teaching

of Ellson to the system of Borthwick in order to typeset three dimensional font

characters in three dimensions.

        With respect to claim 37, Borthwick teaches said control information specifying a

font type of the font to be used (i.e., generating an email record with the address of at

least one recipient; generating files for the rich media production and sending the files to

the host server, pg. 1 par. 9 and The creator may also use a font menu 514 on import

menu interface 502 to access a menu of font files that are used to insert text into writer

template 100. The user's menu choices determine the font type and other

characteristics of the text, such as bold or italic style and right or left justification. When

the user clicks a selection button, the user is allowed to import an embedded font file of

editable text as a text box. The font file is associated with a container object. The

embedded font file has the properties of the user-selected style and justification as

determined in the menu selections, pg. 6 par. 47) except the fonts and messages being

3D. However, Ellson teaches 3D fonts (i.e., The text characters can also be represented

as a three-dimensional geometric model including polygons constructed from vertices

defined by three-dimensional coordinates. The representations are stored in a font

storage and when a user specifies the text characters to be used in a depth image

along with the font to be used for the text characters, the geometric representations of

the characters are retrieved. If stored as a set, the set is converted into a geometric plot.

Appropriate scaling and surface texturing operations are performed as designated by

the user to create three-dimensional text character graphic objects, abstract) in order to

typeset three dimensional font characters in three dimensions (col. 2 ln. 17 - 18).

Therefore, based on Borthwick in view of Ellson, it would have been obvious to one

having ordinary skill in the art at the time the invention was made to utilize the teaching

of Ellson to the system of Borthwick in order to typeset three dimensional font

characters in three dimensions.

With respect to claim 41, Borthwick teaches wherein said text message contains

an icon (The client computer also includes means for activating a URL in an email that

launches the web browser, for accessing a unique HTML page by clicking the URL in

the email, for downloading the reader template, for launching the reader template that

accesses and reads a unique data string from the host server and uses the data string

to locate images and media used in the rich media production, and means for loading

the images and media into the reader template and thereby reproducing the original

appearance and properties of the rich media production, pg. 2 par. 11, an icon is

understood to be a miniature image) except the fonts and messages being 3D.

However, Ellson teaches 3D fonts (i.e., The text characters can also be represented as

a three-dimensional geometric model including polygons constructed from vertices

defined by three-dimensional coordinates. The representations are stored in a font

storage and when a user specifies the text characters to be used in a depth image

along with the font to be used for the text characters, the geometric representations of

the characters are retrieved. If stored as a set, the set is converted into a geometric plot.

Appropriate scaling and surface texturing operations are performed as designated by

the user to create three-dimensional text character graphic objects, abstract) in order to

typeset three dimensional font characters in three dimensions (col. 2 ln. 17 - 18).

Therefore, based on Borthwick in view of Ellson, it would have been obvious to one

having ordinary skill in the art at the time the invention was made to utilize the teaching

of Ellson to the system of Borthwick in order to typeset three dimensional font

characters in three dimensions.

With respect to claim 42, Borthwick teaches wherein said text message contains

an icon (The client computer also includes means for activating a URL in an email that

launches the web browser, for accessing a unique HTML page by clicking the URL in

the email, for downloading the reader template, for launching the reader template that

accesses and reads a unique data string from the host server and uses the data string

to locate images and media used in the rich media production, and means for loading

the images and media into the reader template and thereby reproducing the original

appearance and properties of the rich media production, pg. 2 par. 11, an icon is

understood to be a miniature image) except the fonts and messages being 3D.

However, Ellson teaches 3D fonts (i.e., The text characters can also be represented as

a three-dimensional geometric model including polygons constructed from vertices

defined by three-dimensional coordinates. The representations are stored in a font

storage and when a user specifies the text characters to be used in a depth image

along with the font to be used for the text characters, the geometric representations of

the characters are retrieved. If stored as a set, the set is converted into a geometric plot.

Appropriate scaling and surface texturing operations are performed as designated by

the user to create three-dimensional text character graphic objects, abstract) in order to

typeset three dimensional font characters in three dimensions (col. 2 ln. 17 - 18).

Therefore, based on Borthwick in view of Ellson, it would have been obvious to one

having ordinary skill in the art at the time the invention was made to utilize the teaching

of Ellson to the system of Borthwick in order to typeset three dimensional font

characters in three dimensions.

With respect to claim 43, Borthwick teaches wherein said text message contains

an icon (The client computer also includes means for activating a URL in an email that

launches the web browser, for accessing a unique HTML page by clicking the URL in

the email, for downloading the reader template, for launching the reader template that

accesses and reads a unique data string from the host server and uses the data string

to locate images and media used in the rich media production, and means for loading

the images and media into the reader template and thereby reproducing the original

appearance and properties of the rich media production, pg. 2 par. 11, an icon is

understood to be a miniature image) except the fonts and messages being 3D.

However, Ellson teaches 3D fonts (i.e., The text characters can also be represented as

a three-dimensional geometric model including polygons constructed from vertices

defined by three-dimensional coordinates. The representations are stored in a font

storage and when a user specifies the text characters to be used in a depth image

along with the font to be used for the text characters, the geometric representations of

the characters are retrieved. If stored as a set, the set is converted into a geometric plot.

Appropriate scaling and surface texturing operations are performed as designated by

the user to create three-dimensional text character graphic objects, abstract) in order to

typeset three dimensional font characters in three dimensions (col. 2 ln. 17 - 18).

Therefore, based on Borthwick in view of Ellson, it would have been obvious to one

having ordinary skill in the art at the time the invention was made to utilize the teaching

of Ellson to the system of Borthwick in order to typeset three dimensional font

characters in three dimensions.

With respect to claim 44, Borthwick teaches wherein said text message contains

an icon (The client computer also includes means for activating a URL in an email that

launches the web browser, for accessing a unique HTML page by clicking the URL in

the email, for downloading the reader template, for launching the reader template that

accesses and reads a unique data string from the host server and uses the data string

to locate images and media used in the rich media production, and means for loading

the images and media into the reader template and thereby reproducing the original

appearance and properties of the rich media production, pg. 2 par. 11, an icon is

understood to be a miniature image) except the fonts and messages being 3D.

However, Ellson teaches 3D fonts (i.e., The text characters can also be represented as

a three-dimensional geometric model including polygons constructed from vertices

defined by three-dimensional coordinates. The representations are stored in a font

storage and when a user specifies the text characters to be used in a depth image

along with the font to be used for the text characters, the geometric representations of

the characters are retrieved. If stored as a set, the set is converted into a geometric plot.

Appropriate scaling and surface texturing operations are performed as designated by

the user to create three-dimensional text character graphic objects, abstract) in order to

typeset three dimensional font characters in three dimensions (col. 2 ln. 17 - 18).

Therefore, based on Borthwick in view of Ellson, it would have been obvious to one

having ordinary skill in the art at the time the invention was made to utilize the teaching

of Ellson to the system of Borthwick in order to typeset three dimensional font

characters in three dimensions.

4.   Claims 29 – 30 and 38 - 40 are rejected under 35 U.S.C. 103(a) as being

unpatentable over Borthwick (US Publication No. 2003/0236836) in view of Ellson (US

Patent No. 5805783), and further in view of Khare ("Bitstream portable font resources

for Web pages", 20 February 1997, retrieved from http://www.xent.com/FoRK-

archive/winter96/0524.html on 1 May 2009).

         With respect to claim 29, Borthwick and Ellson teach the invention as described

above except wherein the font transmitted to said second terminal is encrypted.

However, Khare teaches the font transmitted to a second terminal being encrypted (i.e.,

"The PFR resides on the host web server with the html document and is linked with a

tag (meta I think). When the page is accessed by a browser, in this case Communicator,

the PFR is downloaded with the html file the same way a GIF or JPEG would be. The

viewer sees the typefaces displayed with anti-aliasing in their browser window without

the fonts being installed on their system", 3rd paragraph and The outline information in

the PFR is encrypted to prevent piracy, 7th paragraph) in order to conserve bandwidth

and prevent font piracy (i.e., "Bandwidth: The PFR is extremely small, a sample

document I worked on recently displayed 7 different fonts on one page (including outline

intensive "picture/pi fonts") the PFR was 28", 4th paragraph and "Piracy: The outline

information in the PFR is encrypted to prevent piracy. Hackers could conceivably crack

the PFR's but they'd have to collect a lot of them and do major tweakage in

Fontographer before they could assemble a maybe complete character set including

redoing hinting, character mapping and kerning (can you spell get a life?). I think the

labor involved and difficulty in assembling COMPLETE coherent character sets will

make font pirating from PFR's a miserable occupation. Web designers need to

recognize the highly skilled work and long hours involved in creating quality typefaces

and support the artists who gain their livelyhood from this work by buying type from

reputable distributers, type designers and foundries", 7th paragraph). Therefore, based

on Borthwick in view of Ellson, and further in view of Khare, it would have been obvious

to one having ordinary skill in the art at the time the invention was made to utilize the

teaching of Khare to the system of Borthwick and Ellson in order to conserve bandwidth and prevent font piracy.

With respect to claim 30, Borthwick and Ellson teach the invention as described above except wherein the font transmitted to said second terminal is encrypted. However, Khare teaches the font transmitted to a second terminal being encrypted (i.e., "The PFR resides on the host web server with the html document and is linked with a tag (meta I think). When the page is accessed by a browser, in this case Communicator, the PFR is downloaded with the html file the same way a GIF or JPEG would be. The viewer sees the typefaces displayed with anti-aliasing in their browser window without the fonts being installed on their system", 3rd paragraph and The outline information in the PFR is encrypted to prevent piracy, 7th paragraph) in order to conserve bandwidth and prevent font piracy (i.e., "Bandwidth: The PFR is extremely small, a sample document I worked on recently displayed 7 different fonts on one page (including outline intensive "picture/pi fonts") the PFR was 28", 4th paragraph and "Piracy: The outline information in the PFR is encrypted to prevent piracy. Hackers could conceivably crack the PFR's but they'd have to collect a lot of them and do major tweakage in Fontographer before they could assemble a maybe complete character set including redoing hinting, character mapping and kerning (can you spell get a life?). I think the labor involved and difficulty in assembling COMPLETE coherent character sets will make font pirating from PFR's a miserable occupation. Web designers need to recognize the highly skilled work and long hours involved in creating quality typefaces and support the artists who gain their livelyhood from this work by buying type from

reputable distributers, type designers and foundries", 7th paragraph). Therefore, based

on Borthwick in view of Ellson, and further in view of Khare, it would have been obvious

to one having ordinary skill in the art at the time the invention was made to utilize the

teaching of Khare to the system of Borthwick and Ellson in order to conserve bandwidth

and prevent font piracy.

With respect to claim 38, Borthwick and Ellson teach the invention as described

above except wherein the font transmitted to said second terminal is encrypted.

However, Khare teaches the font transmitted to a second terminal being encrypted (i.e.,

"The PFR resides on the host web server with the html document and is linked with a

tag (meta I think). When the page is accessed by a browser, in this case Communicator,

the PFR is downloaded with the html file the same way a GIF or JPEG would be. The

viewer sees the typefaces displayed with anti-aliasing in their browser window without

the fonts being installed on their system", 3rd paragraph and The outline information in

the PFR is encrypted to prevent piracy, 7th paragraph) in order to conserve bandwidth

and prevent font piracy (i.e., "Bandwidth: The PFR is extremely small, a sample

document I worked on recently displayed 7 different fonts on one page (including outline

intensive "picture/pi fonts") the PFR was 28", 4th paragraph and "Piracy: The outline

information in the PFR is encrypted to prevent piracy. Hackers could conceivably crack

the PFR's but they'd have to collect a lot of them and do major tweakage in

Fontographer before they could assemble a maybe complete character set including

redoing hinting, character mapping and kerning (can you spell get a life?). I think the

labor involved and difficulty in assembling COMPLETE coherent character sets will

make font pirating from PFR's a miserable occupation. Web designers need to recognize the highly skilled work and long hours involved in creating quality typefaces and support the artists who gain their livelyhood from this work by buying type from reputable distributers, type designers and foundries", 7th paragraph). Therefore, based on Borthwick in view of Ellson, and further in view of Khare, it would have been obvious to one having ordinary skill in the art at the time the invention was made to utilize the teaching of Khare to the system of Borthwick and Ellson in order to conserve bandwidth and prevent font piracy.

With respect to claim 39, Borthwick and Ellson teach the invention as described above except wherein the font transmitted to said second terminal is encrypted. However, Khare teaches the font transmitted to a second terminal being encrypted (i.e., "The PFR resides on the host web server with the html document and is linked with a tag (meta I think). When the page is accessed by a browser, in this case Communicator, the PFR is downloaded with the html file the same way a GIF or JPEG would be. The viewer sees the typefaces displayed with anti-aliasing in their browser window without the fonts being installed on their system", 3rd paragraph and The outline information in the PFR is encrypted to prevent piracy, 7th paragraph) in order to conserve bandwidth and prevent font piracy (i.e., "Bandwidth: The PFR is extremely small, a sample document I worked on recently displayed 7 different fonts on one page (including outline intensive "picture/pi fonts") the PFR was 28", 4th paragraph and "Piracy: The outline information in the PFR is encrypted to prevent piracy. Hackers could conceivably crack the PFR's but they'd have to collect a lot of them and do major tweakage in

Fontographer before they could assemble a maybe complete character set including redoing hinting, character mapping and kerning (can you spell get a life?). I think the labor involved and difficulty in assembling COMPLETE coherent character sets will make font pirating from PFR's a miserable occupation. Web designers need to recognize the highly skilled work and long hours involved in creating quality typefaces and support the artists who gain their livelyhood from this work by buying type from reputable distributers, type designers and foundries", 7th paragraph). Therefore, based on Borthwick in view of Ellson, and further in view of Khare, it would have been obvious to one having ordinary skill in the art at the time the invention was made to utilize the teaching of Khare to the system of Borthwick and Ellson in order to conserve bandwidth and prevent font piracy.

With respect to claim 40, Borthwick and Ellson teach the invention as described above except wherein the font transmitted to said second terminal is encrypted. However, Khare teaches the font transmitted to a second terminal being encrypted (i.e., "The PFR resides on the host web server with the html document and is linked with a tag (meta I think). When the page is accessed by a browser, in this case Communicator, the PFR is downloaded with the html file the same way a GIF or JPEG would be. The viewer sees the typefaces displayed with anti-aliasing in their browser window without the fonts being installed on their system", 3rd paragraph and The outline information in the PFR is encrypted to prevent piracy, 7th paragraph) in order to conserve bandwidth and prevent font piracy (i.e., "Bandwidth: The PFR is extremely small, a sample document I worked on recently displayed 7 different fonts on one page (including outline

intensive "picture/pi fonts") the PFR was 28", 4th paragraph and "Piracy: The outline information in the PFR is encrypted to prevent piracy. Hackers could conceivably crack the PFR's but they'd have to collect a lot of them and do major tweakage in Fontographer before they could assemble a maybe complete character set including redoing hinting, character mapping and kerning (can you spell get a life?). I think the labor involved and difficulty in assembling COMPLETE coherent character sets will make font pirating from PFR's a miserable occupation. Web designers need to recognize the highly skilled work and long hours involved in creating quality typefaces and support the artists who gain their livelyhood from this work by buying type from reputable distributers, type designers and foundries", 7th paragraph). Therefore, based on Borthwick in view of Ellson, and further in view of Khare, it would have been obvious to one having ordinary skill in the art at the time the invention was made to utilize the teaching of Khare to the system of Borthwick and Ellson in order to conserve bandwidth and prevent font piracy.

Conclusion

5.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to GARRETT LARUE whose telephone number is (571)270-7204. The examiner can normally be reached on Monday - Friday 7:30am-5:00 pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Hwang can be reached on (571)272-4036. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/G. L./
Examiner, Art Unit 2447
5/4/2009

/Joon H. Hwang/
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